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Virginia Dress

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48,243

Registration Number, if applicable

(515) 270-4192

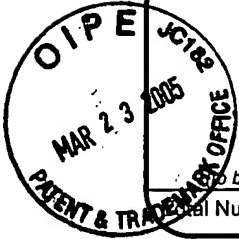
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- 1) Transmittal Form / 1 Page (1 copy)
- 2) Non-Fee Amendment / 8 Pages (1 copy)
- 3) Appendix, Parts 1-4 / 23 Pages (1 copy)

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**TRANSMITTAL
FORM**

TRANSMITTAL FORM		Application Number	10/650,108	
		Filing Date	08/26/2003	
		First Named Inventor	Pramod B. Mahajan	
		Art Unit	1652	
		Examiner Name	Pak, Yong D.	
Total Number of Pages in This Submission		32	Attorney Docket Number	1264D

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Appendix, Parts 1-4
<div style="border: 1px solid black; padding: 5px;"> Remarks </div>		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm	Pioneer Hi-Bred International, Inc.	
Signature	<i>Virginia Dress</i>	
Printed Name	Virginia Dress	
Date	March 16, 2005	Reg. No. 48,243

CERTIFICATE OF TRANSMISSION/MAILING

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Signature	<i>Virginia Dress</i>		
Typed or printed name	Virginia Dress	Date	March 16, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application. No. : 10/650,108 Confirmation No. 9415
Applicant : Pramod B. Mahajan
Filed : 08/26/2003
TC/A.U. : 1652
Examiner : Pak, Yong D
Docket No. : 1264D
Customer No. : 27310
Title : MRE11 Orthologue and Uses Thereof

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NON-FEE AMENDMENT

In response to the Office Action of December 16, 2004, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 5 of this paper.

An **Appendix** is attached following page 8 of this paper. The Appendix comprises a date-limited NCBI keyword search, a multiple sequence alignment of MRE11 polypeptides, BioScout analyses results, supplemental Pfam and PDB information.